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NEW BOOKS

Plane Geometry Review. By MURRAY J. LEVENTHAL and M. WEINER. Globe Book Company, New York. Pp. 86.

This review outline contains a statement of the basal propositions of plane geometry, suggestions for the proof of these propositions, numerical exercises, and a large number of recent College Entrance and Regents examination questions.

Geometry Note Book. Globe Book Company, New York.

The use of such a perforated tablet will systematize written proofs of propositions and "originals," and save considerable time for both student and teacher.

Standardized Reasoning Tests in Arithmetic and How to Utilize Them. Cliff W. Stone, Teachers' College Contributions to Education, No. 83; second edition, revised and enlarged.

This manual furnishes complete directions for giving the Stone Reasoning Tests, and for scoring the papers. Standards are given, and one chapter is devoted to setting forth effective means of representing the scores. Another chapter is devoted to a consideration of the utilization of the results of the test in the improvement of teaching.

This publication should be of use in supervision, and in the teaching of the reasoning phases of arithmetic.

Réflexions sur la Métaphysique du Calcul Infinitésimal. By Lazaire Carnot. Gauther-Villars et Cie., Paris, 1921, 2 vols. Vol. I, pp. viii + 118; vol II, pp. 106.

For those who are interested in the possibility of the introduction of the calculus into the senior high school and who feel that the pupil advances over somewhat the same route that the world has taken, these little paper-covered volumes are well worth reading. Indeed, those who teach the calculus in our colleges would not occupy their time amiss in finding how the subject stood at the close of the Napoleonic era, before Cauchy had made firm the foundations upon which the calculus has since rested. They will not find much assistance in the way of presenting the theory to their classes, but they will find a discussion of the philosophical principles which lie at the base of the discipline.